

In the claims:

1-38. (cancelled)

39. (previously presented) An isolated nucleic acid molecule comprising:

- a) a nucleotide sequence as set forth in Figure 2A (SEQ ID NO: 6);
- b) a nucleotide sequence encoding a polypeptide as set forth in Figure 2A (SEQ ID NO. 7) from residues 1-322 or from residues 47-322;
- c) a nucleotide sequence of (b) encoding a polypeptide fragment of at least about 100 amino acid residues of SEQ ID NO: 7, wherein the polypeptide fragment has at least one activity selected from stimulating T-cell proliferation, activating T-cells, or binding to CRP1 of SEQ ID NO: 2; or
- d) a nucleotide sequence fully complementary to any of (a), (b), or (c).

40. (cancelled)

41. (currently amended) An isolated nucleic acid molecule comprising:

- a) a nucleotide sequence as set forth in Figure 12A (SEQ ID NO:16);
- b) a nucleotide sequence as set forth in Figure 12A (SEQ ID NO: 16) from nucleotides 1 to 909 inclusive;
- ~~b~~ c) a nucleotide sequence encoding a polypeptide as set forth in Figure 12A (SEQ ID NO: 17) from residues 1-302, or from about residues 19-302, 20-302, 21-302, 22-302, 24-302, or 28-302, wherein the polypeptide has at least one activity selected from stimulating T-cell proliferation, activating T-cells, or binding to CRP1 of SEQ ID NO:22; or
- ~~e~~ d) a nucleotide sequence fully complementary to any of (a), ~~or~~ (b) or (c).

42. (cancelled)

43. (previously presented) An isolated nucleic acid molecule comprising the nucleotide sequence as set forth in Figure 12A (SEQ ID NO: 16).

44. (cancelled)

45. **(previously presented)** An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide as set forth in Figure 12A (SEQ ID NO: 17) from residues 1-302 or from about residues 19-302, 20-302, 21-302, 22-302, 24-302 or 28-302.

46. **(currently amended)** An isolated nucleic acid molecule encoding a polypeptide as set forth in Figure 12A (SEQ ID NO: 17) with an amino terminus at about residue 1, 19, 20, 21, 22, 24, or 28, wherein the polypeptide has at least one activity selected from stimulating T-cell proliferation, activating T-cells, or binding to CRP1 of SEQ ID NO: 22.

47. **(currently amended)** An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide as set forth in Figure 12A (SEQ ID NO: 17) with a carboxy terminus at residue 302, wherein the polypeptide has at least one activity selected from stimulating T-cell proliferation, activating T-cells, or binding to CRP1 of SEQ ID NO: 22.

48. **(currently amended)** An isolated nucleic acid molecule ~~consisting of a nucleic acid~~ comprising the nucleotide sequence as set forth in Figure 12A (SEQ ID NO: 16) from nucleotides 1 to 909 inclusive.

49. **(cancelled)**

50. **(cancelled)**

51. **(cancelled)**

52. **(currently amended)** A nucleic acid molecule comprising a nucleotide sequence of any one of Claims 39, 41, 46 or 47 which is operably linked to a heterologous expression control sequence.

53. **(cancelled)**

54. **(cancelled)**

55. **(new)** An expression vector comprising the nucleic acid molecule of claim 52.

56 ~~55~~. **(currently amended)** A host cell comprising the nucleic acid molecule of Claims ~~52, 53 or~~
54.

57. **(new)** A host cell comprising the expression vector of claim 55.

58 ~~56~~. **(currently amended)** The host cell of Claim ~~55~~ 56 or 57 which is a eucaryotic cell.

59 ~~57~~. **(currently amended)** The host cell of Claim ~~55~~ 56 or 57 which is a procaryotic cell.

60 ~~58~~. **(currently amended)** A process for producing a polypeptide comprising growing a culture of the host cell of Claim ~~55~~ 56 or 57 in suitable culture medium and isolating the polypeptide from the culture or host cell.

61. **(new)** A process for producing a polypeptide comprising:
growing a culture of a host cell comprising a nucleic acid molecule encoding an extracellular domain of B7RP1 as set forth in Figure 12A (SEQ ID NO: 17) or a fragment thereof, in suitable culture medium; and

isolating the extracellular domain of B7RP1 or fragment thereof from the culture or host cell, wherein the extracellular domain or fragment thereof has at least one activity selected from stimulating T-cell proliferation, activating T-cells, or binding to CRP1 of SEQ ID NO:22.